

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Helen Jun Xing</td><td>01/26/2009</td></tr><tr><td>Muhammad Khawar R. Khan</td><td>01/26/2009</td></tr><tr><td>Rami H. Alnatsheh</td><td>01/26/2009</td></tr><tr><td>Ramesh Chandra Chirala</td><td>01/26/2009</td></tr><tr><td>Supratik Bhattacharjee</td><td>01/26/2009</td></tr></tbody></table>	Name	Execution Date	Helen Jun Xing	01/26/2009	Muhammad Khawar R. Khan	01/26/2009	Rami H. Alnatsheh	01/26/2009	Ramesh Chandra Chirala	01/26/2009	Supratik Bhattacharjee	01/26/2009	
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Ramesh Chandra Chirala	01/26/2009												
Supratik Bhattacharjee	01/26/2009												
RECEIVING PARTY DATA													
Name:	QUALCOMM, Incorporated												
Street Address:	5775 Morehouse Drive												
City:	San Diego												
State/Country:	CALIFORNIA												
Postal Code:	92121												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12208764</td></tr></tbody></table>	Property Type	Number	Application Number:	12208764									
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Application Number:	12208764												
CORRESPONDENCE DATA													
Fax Number:	(858)651-2502												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	858-845-4265												
Email:	nanm@qualcomm.com												
Correspondent Name:	QUALCOMM INCORPORATED												
Address Line 1:	5775 MOREHOUSE DR.												
Address Line 4:	SAN DIEGO, CALIFORNIA 92121												
ATTORNEY DOCKET NUMBER:	072335												
NAME OF SUBMITTER:	Darren M. Simon												

CH \$40.00 12208764

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PATENT
REEL: 022234 FRAME: 0811

Total Attachments: 15

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source=072335_2009_02_10_ASSN#page15.tif

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

1. Helen Jun Xing, a citizen of the People's Republic of China, having a place of residence at 4497 Vereda Mar de Ponderosa, San Diego, CA 92130;
2. Muhammad Khawar R. Khan, a citizen of the United States of America, having a place of residence at 1789 Picket Fence Drive, Chula Vista, CA 91915;
3. Rami H. Alnatsheh, a citizen of Jordan, having a place of residence at 11405 Affinity Court #232, San Diego, CA 92131;
4. Ramesh Chandra Chirala, a citizen of India, having a place of residence at 7184 Schilling Avenue #61, San Diego, CA 92126; and
5. Supratik Bhattacharjee, a citizen of India, having a place of residence at 7688 Marker Road, San Diego, CA 92130

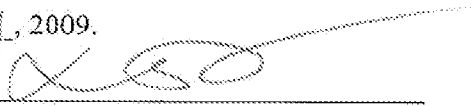
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **Method and Apparatus for Neighbor List Updates** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **09/11/2008**, and assigned Serial No. **12/208/764**, including, without limitation, all provisional patent

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applications, including Provisional Application Number 60/973,041, filed on 09/17/2007, and all original and reissue patents granted thereof, and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 26 day of January, 2009.



Helen Jun Xing

Done at San Diego, California this _____ day of _____, 2009.

Muhammad Khawar R. Khan

Done at San Diego, California this _____ day of _____, 2009.

Rami H. Alnatsheh

Done at San Diego, California this _____ day of _____, 2009.

Ramesh Chandra Chirala

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Supratik Bhattacharjee

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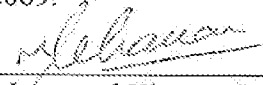
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Done at San Diego, California this _____ day of _____, 2009.

Helen Jun Xing

Done at San Diego, California this 26 day of January, 2009.



Muhammad Khawar R. Khan

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Rami H. Alnatsheh

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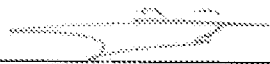
Done at San Diego, California this _____ day of _____, 2009.

Helen Jun Xing

Done at San Diego, California this _____ day of _____, 2009.

Muhammad Khawar R. Khan

Done at San Diego, California this 21 day of January, 2009.



Rami H. Alnatsheh

Done at San Diego, California this _____ day of _____, 2009.

Ramesh Chandra Chirala

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Muhammad Khawar R. Khan

Done at San Diego, California this _____ day of _____, 2009.

Rami H. Alnatsheh

Done at San Diego, California this 26 day of Jan, 2009.

ch Ramesh chandra

Ramesh Chandra Chirala

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